

UNITED STATES PATENT AND TRADEMARK OFFICE  
**CERTIFICATE OF CORRECTION**

PATENT NO. : 7,061,970 B2  
APPLICATION NO. : 09/883835  
DATED : June 13, 2006  
INVENTOR(S) : Reed et al.

Page 1 of 4

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

**On the Title Page**

(56) Reference Cited  
Other Publications  
MMSE interference suppression for direct-  
sequence. . .

Delete "Issue: Dec. 12, 1994",  
Insert --Issue: 12, Dec. 1994--

(57) Abstract, line 1

Delete "discloses",  
Insert --is--

(57) Abstract, line 16

Delete "systems",  
Insert--system--

(57) Abstract, line 17

Delete "for;",  
Insert --for--

(57) Abstract, line 24

Delete "bank",  
Insert --bank.--

(56) References Cited  
Other Publications  
pg. 2, Col. 1  
Near-far resistance of multiuser detectors. .

Delete "Issue: Apr. 4, 1990",  
Insert --Issue: 4, Apr. 1990--

(56) References Cited  
Other Publications  
pg. 2, Col. 1  
Parkvall et al., Near-Far Resistent  
Receivers. . .

After "Without",  
Insert --A--

**In the Claims**

Column 28, line 64, Claim 3

Delete " $u_1 = s_1 / \sqrt{s_1^T s_1}$ ",

Insert --  $u_1 = s_1 / \sqrt{s_1^T s_1}$  --

Column 29, line 3, Claim 4

Delete "t",

Insert --  $\hat{t}$  --

UNITED STATES PATENT AND TRADEMARK OFFICE  
**CERTIFICATE OF CORRECTION**

PATENT NO. : 7,061,970 B2  
APPLICATION NO. : 09/883835  
DATED : June 13, 2006  
INVENTOR(S) : Reed et al.

Page 2 of 4

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Column 29, line 41, Claim 5	Delete " $r_{xl}$ ", Insert $--r_{xldl}--$
Column 29, line 45, Claim 5	Delete " $\frac{1}{L}X_0[i]X_0^t[i]$ ", Insert $--\frac{1}{L}X_0[i]X_0^t[i]--$
Column 30, line 35, Claim 6	Delete " $u_1 = s_1/\sqrt{s_1^t s_1}$ ", Insert $--u_1 = s_1/\sqrt{s_1^t s_1}--$
Column 30, line 41, Claim 6	Delete " $\hat{u}_1^t[i] X_{j-1}[i]$ ", Insert $--\hat{u}_j^t[i] X_{j-1}[i]--$
Column 30, line 46, Claim 6	Delete " $u_1^t x[i]$ ", Insert $--u_1^t x[i]--$
Column 31, line 57, Claim 7	Delete " $u_1 = s_1/\sqrt{s_1^t s_1}$ ", Insert $--u_1 = s_1/\sqrt{s_1^t s_1}--$
Column 33, line 22, Claim 8	Delete " $u_1^t x[i]$ ", Insert $--u_1^t x[i]--$
Column 35, line 18, Claim 13	Delete " $u_1 = s_1/\sqrt{s_1^t s_1} \text{, [.]^T denoted}$ ", Insert $--u_1 = s_1/\sqrt{s_1^t s_1} \text{, [.]^T denotes--}$
Column 36, line 65, Claim 14	Delete " $u_1^t x[i]$ ", Insert $--u_1^t x[i]--$
Column 37, line 5, Claim 14	Delete " $\hat{r}_{x,d_t}[i]$ ", Insert $--\hat{r}_{x,d_t}[i]--$

UNITED STATES PATENT AND TRADEMARK OFFICE  
**CERTIFICATE OF CORRECTION**

PATENT NO. : 7,061,970 B2  
APPLICATION NO. : 09/883835  
DATED : June 13, 2006  
INVENTOR(S) : Reed et al.

Page 3 of 4

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Column 37, line 9, Claim 14	Delete " $r_{xdl}$ " Insert -- $r_{xld}$ --
Column 38, line 19, Claim 15	Delete " $u_1^t x[i]$ ", Insert -- $u_1^t x[i]$ --
Column 39, line 47, Claim 16	Delete " $\frac{1}{L} B_1 X_0[i] X_0^t[i] s_1$ ", Insert -- $\frac{1}{L} B_1 X_0[i] X_0^t[i] s_1$ --
Column 39, line 56, Claim 16	Delete " $\hat{b}_1 = \text{sgn}((u_1^t - w_{\text{GSC}}^t[i] B_1) x[i])$ ", Insert -- $\hat{b}_1 = \text{sgn}((u_1^t - w_{\text{GSC}}^t[i] B_1) x[i])$ --
Column 40, line 11, Claim 17	Delete "cause", Insert --causing--
Column 40, line 53, Claim 20	Delete "comprises", Insert --comprise--
Column 40, line 56, Claim 20	Delete "equation;", Insert --equation:--
Column 41, line 53, Claim 24	Delete " $W[i]^b$ ", Insert -- $W[i]^t$ --
Column 41, line 58, Claim 25	Delete " $k=1$ to $n$ ", Insert -- $k=1$ to $n$ --

UNITED STATES PATENT AND TRADEMARK OFFICE  
**CERTIFICATE OF CORRECTION**

PATENT NO. : 7,061,970 B2  
APPLICATION NO. : 09/883835  
DATED : June 13, 2006  
INVENTOR(S) : Reed et al.

Page 4 of 4

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Column 42, line 6, Claim 25

Delete “  $u_1^t x[i]$  ”,

Insert --  $u_1^t x[i]$  --

Signed and Sealed this

Seventeenth Day of July, 2007

A handwritten signature in black ink, appearing to read "Jon W. Dudas". The signature is stylized with a large, looping initial "J" and a distinct "D".

JON W. DUDAS  
*Director of the United States Patent and Trademark Office*